

BIOTECHNOLOGY
SYSTEMS
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112

RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 09/874,991
Source: 16S3
Date Processed by STIC: 12/28/2001

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FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/874,991

DATE: 12/28/2001

TIME: 16:09:23

Input Set : A:\77870042.app
 Output Set: N:\CRF3\12282001\I874991.raw

Does Not Comply
 Corrected Diskette Needed

ppr 1-3

3 <110> APPLICANT: MOND, JAMES J.
 4 FLORA, MICHAEL
 5 KLINMAN, DENNIS M.
 7 <120> TITLE OF INVENTION: IMMUNOSTIMULATORY RNA/DNA HYBRID MOLECULES
 9 <130> FILE REFERENCE: 07787.0042-00
 11 <140> CURRENT APPLICATION NUMBER: 09/874,991
 12 <141> CURRENT FILING DATE: 2001-06-07
 14 <150> PRIOR APPLICATION NUMBER: 60/209,797
 15 <151> PRIOR FILING DATE: 2000-06-07
 17 <160> NUMBER OF SEQ ID NOS: 620
 19 <170> SOFTWARE: PatentIn Ver. 2.1
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 30
 23 <212> TYPE: DNA
 24 <213> ORGANISM: Artificial Sequence
 26 <220> FEATURE:
 27 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 28 oligonucleotide
 30 <400> SEQUENCE: 1
 31 aaaaaaaaaa aaaacgttaa aaaaaaaaaa 30
 34 <210> SEQ ID NO: 2
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 36 <212> TYPE: DNA
 37 <213> ORGANISM: Artificial Sequence
 39 <220> FEATURE:
 40 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
 41 Synthetic DNA/RNA oligonucleotide
 43 <220> FEATURE:
 44 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 45 DNA/RNA oligonucleotide
 47 <400> SEQUENCE: 2
 48 aaaaaaaaaa aaaacgttaa aaaaaaaaaa 30
 51 <210> SEQ ID NO: 3
 52 <211> LENGTH: 30
 53 <212> TYPE: DNA
 54 <213> ORGANISM: Artificial Sequence
 56 <220> FEATURE:
 57 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
 58 Synthetic DNA/RNA oligonucleotide
 60 <220> FEATURE:
 61 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 62 DNA/RNA oligonucleotide
 64 <400> SEQUENCE: 3
 65 aaaaaaaaaa aaaacguua aaaaaaaaaa 30
 68 <210> SEQ ID NO: 4
 69 <211> LENGTH: 30
 70 <212> TYPE: RNA

see p.2
 invalid

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Per 1.823 of
Sequence Rules,
use DNA as
<212> response
when sequence
is a combined
DNA/RNA.

71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
75 Synthetic oligonucleotide
77 <400> SEQUENCE: 4
78 aaaaaaaaaaaa aaaacguuua aaaaaaaaaaaa
81 <210> SEQ ID NO: 5 30
82 <211> LENGTH: 30
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
88 Synthetic DNA/RNA oligonucleotide
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
92 DNA/RNA oligonucleotide
94 <400> SEQUENCE: 5
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98 <210> SEQ ID NO: 6
99 <211> LENGTH: 30
100 <212> TYPE: DNA
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
105 Synthetic DNA/RNA oligonucleotide
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
109 DNA/RNA oligonucleotide
111 <400> SEQUENCE: 6
112 aaaaaaaaaaaa aacccgggaa aaaaaaaaaaaa 30
115 <210> SEQ ID NO: 7
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117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
122 Synthetic DNA/RNA oligonucleotide
124 <220> FEATURE:
125 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
126 DNA/RNA oligonucleotide
128 <400> SEQUENCE: 7
129 aaaaaaaaaaaa aaaacgaaaa aaaaaaaaaaaa 30
132 <210> SEQ ID NO: 8
133 <211> LENGTH: 30
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
139 Synthetic DNA/RNA oligonucleotide

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141 <220> FEATURE:
 142 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 143 DNA/RNA oligonucleotide
 145 <400> SEQUENCE: 8
 146 gggggggggg ggaacguugg gggggggggg 30
 149 <210> SEQ ID NO: 9
 150 <211> LENGTH: 30
 151 <212> TYPE: DNA
 152 <213> ORGANISM: Artificial Sequence
 154 <220> FEATURE:
 155 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
 156 Synthetic DNA/RNA oligonucleotide
 158 <220> FEATURE:
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 160 DNA/RNA oligonucleotide
 162 <400> SEQUENCE: 9
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 166 <210> SEQ ID NO: 10
 167 <211> LENGTH: 30
 168 <212> TYPE: RNA
 169 <213> ORGANISM: Artificial Sequence
 171 <220> FEATURE:
 172 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule, use DNA as
 173 Synthetic DNA/RNA oligonucleotide 2127 response
 175 <220> FEATURE:
 176 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 177 oligonucleotide
 179 <400> SEQUENCE: 10
 180 gggggggggg ggaacguugg gggggggggg 30
 183 <210> SEQ ID NO: 11
 184 <211> LENGTH: 30
 185 <212> TYPE: DNA
 186 <213> ORGANISM: Artificial Sequence
 188 <220> FEATURE:
 189 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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 192 <400> SEQUENCE: 11
 193 aaaaaaaaaaaa aaaagcttaa aaaaaaaaaaa 30
 196 <210> SEQ ID NO: 12
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 201 <220> FEATURE:
 202 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
 204 <400> SEQUENCE: 12
 205 tcaacgttaa cgtt 14
 208 <210> SEQ ID NO: 13
 209 <211> LENGTH: 26
 210 <212> TYPE: DNA

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211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:
214 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
216 <400> SEQUENCE: 13
217 tcccatgacgt tcctgatgct aacgtt 26
220 <210> SEQ ID NO: 14
221 <211> LENGTH: 26
222 <212> TYPE: DNA
223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
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229 atcgactctc gagcgttctc aacgtt 26
232 <210> SEQ ID NO: 15
233 <211> LENGTH: 21
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
240 <400> SEQUENCE: 15
241 gcatgacgtt gagctaacgt t 21
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245 <211> LENGTH: 14
246 <212> TYPE: DNA
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249 <220> FEATURE:
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252 <400> SEQUENCE: 16
253 tcagcgctaa cgtt 14
256 <210> SEQ ID NO: 17
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258 <212> TYPE: DNA
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261 <220> FEATURE:
262 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
264 <400> SEQUENCE: 17
265 gagaacgctg gacctccat aacgtt 26
268 <210> SEQ ID NO: 18
269 <211> LENGTH: 26
270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
276 <400> SEQUENCE: 18
277 gagaacgctc gacctccat aacgtt 26
280 <210> SEQ ID NO: 19
281 <211> LENGTH: 26
282 <212> TYPE: DNA
283 <213> ORGANISM: Artificial Sequence

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PATENT APPLICATION: US/09/874,991

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Input Set : A:\77870042.app

Output Set: N:\CRF3\12282001\I874991.raw

285 <220> FEATURE:
286 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
288 <400> SEQUENCE: 19
289 gagaacgctc gacccatcgat aacgtt 26
292 <210> SEQ ID NO: 20
293 <211> LENGTH: 26
294 <212> TYPE: DNA
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
300 <400> SEQUENCE: 20
301 gagaacgctc cagcaactgat aacgtt 26
304 <210> SEQ ID NO: 21
305 <211> LENGTH: 26
306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
312 <400> SEQUENCE: 21
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316 <210> SEQ ID NO: 22
317 <211> LENGTH: 26
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
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325 tccatgtcgg tcctgatgat aacgtt 26
328 <210> SEQ ID NO: 23
329 <211> LENGTH: 26
330 <212> TYPE: DNA
331 <213> ORGANISM: Artificial Sequence
333 <220> FEATURE:
334 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
336 <400> SEQUENCE: 23
337 atggactctc cagcgttctc aacgtt 26
340 <210> SEQ ID NO: 24
341 <211> LENGTH: 26
342 <212> TYPE: DNA
343 <213> ORGANISM: Artificial Sequence
345 <220> FEATURE:
346 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
348 <400> SEQUENCE: 24
349 atggaaaggtc caacgttctc aacgtt 26
352 <210> SEQ ID NO: 25
353 <211> LENGTH: 15
354 <212> TYPE: DNA
355 <213> ORGANISM: Artificial Sequence
357 <220> FEATURE:

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/874,991

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